

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of **Andrew Roche, Martin Chr. Hansen, Inge D. Villsen, Petra Schrotz-King, Jeanette Henningsen, and Trine Louise Lund Jørgensen**

Group Art Unit: UNASSIGNED

National phase of International Application No. PCT/DK2004/000407

International filing date : June 10, 2004

U.S. Application No. : 10/559,952

For : EXTRACELLULAR ASPERGILLUS POLYPEPTIDES

Examiner : UNASSIGNED

**INFORMATION DISCLOSURE STATEMENT**

**MAIL STOP: AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

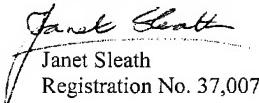
Dear Sir:

The attached form PTO/SB/08 identifies two (2) U.S. patent references, one (1) foreign patent reference, and 22 literature references. The copy requirement pursuant to 37 CFR 1.98 has been waived and therefore copies of cited U.S. patents and patent applications are not submitted with this Information Disclosure Statement. Copies of all other cited references are enclosed herewith for the Examiner's convenience.

The documents listed on the accompanying form PTO/SB/08 are cited in compliance with the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, as amended. Applicant does not concede that the references constitute "prior art" under 35 U.S.C. §102 or §103, and specifically reserves the right to antedate such materials, as by a showing under 37 C.F.R. § 1.131 or otherwise.

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Respectfully submitted,

  
Janet Sleath  
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Date: April 27, 2006

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**20601**

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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*Complete if Known*

Application Number	10/559,952
Filing Date	UNASSIGNED
First Named Inventor	Andrew ROCHE, et al.
Art Unit	UNASSIGNED
Examiner Name	UNASSIGNED
Attorney Docket Number	13403.1003

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-6,346,405-B1	02-12-2002	Greenwood, et al.	
	2	US-6,497,880	12-24-2002	Wisniewski	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	1	WO 02/086090-A2	10-31-2002	Eltra Pharmaceuticals, Inc.		

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	1	"3-isopropylmalate dehydrogenase B," UniprotKB/Swiss-Prot Accession No. P87257, 30 May 2000.	
	2	WILLIAMS, B.A., et al. "Isolation by genetic complementation of two differentially expressed genes for beta-isopropylmalate dehydrogenase from <i>Aspergillus niger</i> ," <i>Curr. Genetics</i> , 30:305-311 (1996).	
	3	"Aspergillus fumigatus protein 3," GENSEQ Accession No. AAW69392, 24 December 1998	
	4	BOUCHARA, J.P., et al. "Adhésion et pathogénicité dans les infections aspergillaires," <i>Méd Mal Infect</i> , 29:705-11 (1999).	
	5	HANSEN, M.Y., et al. "Allergens in <i>Aspergillus fumigatus</i> ," <i>Allergy</i> , 49:235-241 (1994).	
	6	REIJULA, K.E., et al. "Monoclonal antibodies bind identically to both spores and hyphae of <i>Aspergillus fumigatus</i> ," <i>Clin Exp Allergy</i> , 22(5):547-53 (1992).	
	7	IRANZO, M., et al. "The use of trypsin to solubilize wall proteins from <i>Candida albicans</i> led to the identification of chitinase 2 as an enzyme covalently linked to the yeast wall structures," <i>Research in Microbiology</i> , 153:227-232 (2002).	
	8	SUNDSTROM, P.M., et al. "Antigenic Differences between Mannoproteins of Germ Tubes and Blastospores of <i>Candida albicans</i> ," <i>Infection and Immunity</i> , 55(3):616-620 (1987).	
	9	PONTON, J., et al. "Analysis of Cell Wall Extracts of <i>Candida albicans</i> by Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis and Western Blot Techniques," <i>Infection and Immunity</i> , 53(3):565-572 (1986).	
	10	SUNDSTROM, P.M., et al. "Enzymatic Release of Germ Tube-Specific Antigens from Cell Walls of <i>Candida albicans</i> ," <i>Infection and Immunity</i> , 49(3):609-614 (1985).	
	11	SEPULVEDA, P., et al. "Evidence for the Presence of Collagenous Domains in <i>Candida albicans</i> Cell Surface Proteins," <i>Infection and Immunity</i> , 63(6):2173-2179 (1995).	
	12	FIEDLER, B., et al. "Transmembrane Topology of α- and β-Subunits of Na <sup>+</sup> :K <sup>+</sup> -ATPase Derived from β-Galactosidase Fusion Proteins Expressed in Yeast," <i>The Journal of Biological Chemistry</i> , 271(46):29312-29320 (1996).	
	13	MOUKADIRI, I., et al. "Identification of a Mannoprotein Present in the Inner Layer of the Cell Wall of <i>Saccharomyces cerevisiae</i> ," <i>Journal of Bacteriology</i> , 179(7):2154-2162 (1997).	
	14	CHAFFIN, W.L., et al. "Cell Wall and Secreted Proteins of <i>Candida albicans</i> : Identification, Function, and Expression," <i>Microbiology and Molecular Biology Reviews</i> , 62(1):130-180 (1998).	
	15	MONTEOLIVA, L., et al. "Large-Scale Identification of Putative Exported Proteins in <i>Candida albicans</i> by Genetic Selection," <i>Eukaryotic Cell</i> , 1(4):514-525 (2002).	
	16	MACDIARMID, C.W., et al. "Zinc transporters that regulate vacuolar zinc storage in <i>Saccharomyces cerevisiae</i> ," <i>The EMBO Journal</i> , 19(12):2845-2855 (2000).	
	17	VAN GEEST, M., et al. "Membrane Topology and Insertion of Membrane Proteins: Search for Topogenic Signals," <i>Microbiology and Molecular Biology Reviews</i> , 64(1):13-33 (2000).	

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	1	US-			
	2	US-			
	3	US-			
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	18	MÖLLER, S., et al. "Evaluation of methods for the prediction of membrane spanning regions," <i>Bioinformatics</i> , 17(7):648-653 (2001).			
	19	TISDALE, Ellen J., "Glyceraldehyde-3-phosphate Dehydrogenase Is Phosphorylated by Protein Kinase C <i>l</i> and Plays a Role in Microtubule Dynamics in the Early Secretory Pathway," <i>The Journal of Biological Chemistry</i> , 277(5):3334-3341 (2002).			
	20	ANTONIO CALERA, J., et al. "Cloning and Disruption of the Antigenic Catalase Gene of <i>Aspergillus fumigatus</i> ," <i>Infection and Immunity</i> , 65(11):4718-4724 (1997).			
	21	PARTA, M., et al. "HYP1, a Hydrophobin Gene from <i>Aspergillus fumigatus</i> , Complements the <i>rodletless</i> Phenotype in <i>Aspergillus nidulans</i> ," <i>Infection and Immunity</i> , 62(10):4389-4395 (1994).			
	22	ITO, J.I., et al. "Vaccination of Corticosteroid Immunosuppressed Mice against Invasive Pulmonary Aspergillosis," <i>The Journal of Infectious Diseases</i> , 186:869-871 (2002).			
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